

CLAIMS:

1. A touch sensitive display device comprising a multiple of picture elements between two substrates, having spacing means between the substrates and means for applying driving voltages to at least one of said picture elements together with means for monitoring the electrical characteristics of at least one of said picture elements or the electrical characteristics of the spacing means and sensing a change in said electrical characteristics the spacing means being part of said means for monitoring the electrical characteristics.
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2. A touch sensitive display device as claimed in Claim 1 with means for monitoring the impedance of at least one of said picture elements and sensing a change in
10 said impedance the spacing means being part of said means for monitoring the impedance.
3. A touch sensitive display device as claimed in Claim 1 in which the means for sensing the change in said impedance measure impedances of different groups of picture elements substantially simultaneously.
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4. A touch sensitive display device as claimed in Claim 1 in which the spacing means at least have a conducting part.
5. A touch sensitive display device as claimed in Claim 4 in which the
20 conducting part of the spacing means is in the form of a grid or in the form of sets of strips.
6. A touch sensitive display device as claimed in Claim 1 in which the spacing means at least have a nonlinear resistive part.
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7. A touch sensitive display device as claimed in Claim 6 in which the nonlinear resistive part of the spacing means is in the form of a grid or in the form of sets of strips.
8. A touch sensitive display device as claimed in Claim 1 in which the spacing means comprise a piezoelectric part.

9. A touch sensitive display device as claimed in Claim 8 in which the nonlinear resistive part of the spacing means is in the form of a grid or in the form of sets of strips.

5 10. A touch sensitive display device as claimed in Claim 1 in which the means for monitoring the electrical characteristics monitor at least one row of picture elements.

11. A touch sensitive display device as claimed in Claim 1 in which the means for monitoring the electrical characteristics monitor at least one column of picture elements.

10 12. A touch sensitive display device as claimed in Claim 1 in which the means for monitoring the electrical characteristics monitor a block of picture elements.